

**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

EPA Region 5 Records Ctr.



207992

I. HEADING

DATE: April 18, 2003
 SUBJECT: **FINAL POLREP** Industrial Highway/Conservation Chemical Site, Gary, Lake County, IN
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II. BACKGROUND

CERCLA Site No: Z590
 CERCLIS ID Number: IND040888992
 Delivery Order Number: 3141-25
 Response Authority: OPA/CERCLA
 OPA ID Number: FPN#: 098022
 Account Number: 90
 NPL Status: Not on NPL
 IDEM Notification: Yes
 Start Date: Sept 1998
 Completion Date: Pending

III. SITE INFORMATION

A. See POLREP 1-43 for previous U.S. EPA removal actions.

IV. RESPONSE INFORMATION

A. Situation

Construction and start up of the water treatment system was completed the week of March 17, 2003 at the Industrial Highway site. Demobilization of site equipment, personnel, and trailers was completed the week of March 24, 2003. Currently, water and product pumps in all extraction wells are operational as well as all other portions of the treatment system. Oil has been observed in extraction wells XW-1, XW-3, XW-5, and XW-6. Product pumps in these wells have began pumping oil to the treatment building. No oil has been observed in well XW-4 and only trace amounts have been observed in well XW-2. Water pumps in these two wells will continue to operate in order to draw oil into the wells.

2. Completed activities:
 Thursday, March 27, 2003, ERRS RM and START mobilized to the Industrial Highway site to gauge groundwater levels in all site monitoring wells and piezometers, as well as wells and piezometers on the airport property. After all wells and piezometers were gauged ERRS and START left site.

Thursday, April 3, 2003, ERRS RM and START mobilized to the Industrial Highway site to gauge groundwater levels in all site monitoring wells and piezometers, as well as wells and piezometers on the airport property. After all wells and piezometers were gauged ERRS and START left site.

Thursday, April 10, 2003, ERRS RM and START mobilized to the Industrial Highway site to gauge groundwater levels in all site monitoring wells and piezometers, as well as wells and piezometers on the airport property. After all wells and piezometers were gauged ERRS and START left site.

Thursday, April 17, 2003, ERRS RM and START mobilized to the Industrial Highway site to gauge groundwater levels in all site monitoring wells and piezometers, as well as wells and piezometers on the airport property. After all wells and piezometers were gauged ERRS and START left site.

3. Enforcement:
Refer to Action Memorandum

- B. Next Steps
ERRS and START will continue to gauge water levels in all piezometers, monitoring wells, and extraction wells on a weekly basis until directed otherwise by the OSC. Water level data will be used to evaluate the operation and effectiveness of the treatment system. U.S. EPA will operate the collection of oil for 3 years. At that time the Gary Chicago Airport will have to assess whether they will continue operation of the oil collection systems.

- C. Results Achieved
Installation and startup of a ground water treatment system consisting of six extraction wells, an oil water separator, and a water treatment building have been completed. The treatment system has began pumping oil from the groundwater that exists on the industrial highway site property.

Over 1,700 tons of lead contaminated soil was fixated on-site and disposed of off site during the process of the treatment system construction.

- D. Key Issues
Extraction wells XW-2 and XW-4 will continue to be evaluated. Attempts to promote oil production within these wells will continued.

V. COST INFORMATION (estimated as of March 18, 2003)

A	CERCLA Funding (Conservation Chemical)		
		Total Cost To Date	Ceiling
	ERRS	\$ 588,293.10	\$ 690,000.00
B.	OPA Funding (Industrial Highway)		
		Total Cost To Date	Ceiling
	ERRS	\$ 1,277,100.34	\$ 1,500,000.00
	START	\$ 40,693.45	\$ 41,275.00
	Total	\$ 1,317,793.79	\$ 1,541,275.00

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. Waste Disposal

Waste	Treatment	Loads	Tons	Disposition of Waste
Lead contaminated soil	Stabilized with lime kiln dust	66 loads	1,706.85 tons	Newton County Landfill, Newton County, IN.